

REMARKS

Claims 1-6, as amended on February 1, 2008, were pending in this application. Prior to continued examination, claims 3 and 4 are cancelled, without prejudice. New claims 7-10 correspond respectively to claims 1, 2, 5, and 6, with an additional feature based upon such disclosure as that in lines 12-14 on page 16 of the specification ("It is preferable that the content of PTFE is three-fourths (3/4) or less relative to the whole content of resins because the PTFE make the iron loss large as compared with the thermosetting PI"). No new matter is introduced by this Amendment. Claims 1, 2, and 5-10 are before the Examiner for reconsideration.

Rejection over prior art

Claims 1-6 had been rejected under 35 U.S.C. § 103(a) as being unpatentable over US 5,767,426 ("Oliver") in view of US 2002/0029657 ("Uenosono") and US 4,543,208 ("Horie"). Office Action, pages 2-4. The rejection is respectfully traversed.

The Examiner acknowledges that the primary reference, Oliver, differs from the present invention with respect to (a) the iron powder composed of atomized iron powder and reduced iron powder, and (b) the use of polyimide-type resins as an organic insulating material and binder. The Examiner argues, however, that feature (a) is provided by Uenosono and that feature (b) is provided by Horie. As discussed in previous Remarks filed heretofor in this application, Applicants respectfully disagree that Uenosono and Horie remedy the acknowledged deficiencies of the Oliver reference.

Oliver discloses thermoplastic polyetherimide and PTFE. Horie discloses thermosetting polyimide. Uenosono discloses reduced iron powder and atomized iron powder. When the disclosures of the cited references are combined, they realistically suggest at most only a combination based on thermoplastic polyetherimide and PTFE.

In contrast, the invention of claims 1, 2, 5, and 6 herein is characterized by employing thermosetting polyimide and PTFE as the resin combination, a feature not realistically suggested by the references applied.

The invention of claims 7-10 herein is characterized by employing thermosetting polyimide and up 75% PTFE as the resin combination, a feature not even remotely suggested by the references applied.

Applicants respectfully submit that the rejection of record should be withdrawn, and the present application should be passed to Issue.


Contact information

If there are any questions concerning this application, the Examiner is invited to contact Richard Gallagher, Registration No. 28,781, at (703) 205-8008.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

By 
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